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### 1 [Facial modeling and animation](#)

[Jörg Haber, Demetri Terzopoulos](#)

August 2004 SIGGRAPH '04: SIGGRAPH 2004 Course Notes

**Publisher:** ACM

Full text available: Pdf (18.15 MB)

 Additional Information: [full citation](#), [abstract](#)
**Bibliometrics:** Downloads (6 Weeks): 134, Downloads (12 Months): 929, Citation Count: 0

In this course we present an overview of the concepts and current techniques in facial modeling and animation. We introduce this research area by its history and applications. As a necessary prerequisite for facial modeling, data acquisition is discussed ...

### 2 [GPGPU: general purpose computation on graphics hardware](#)

[David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Clif Woolley, Aaron Lefohn](#)

August 2004 SIGGRAPH '04: SIGGRAPH 2004 Course Notes

**Publisher:** ACM

Full text available: Pdf (63.03 MB)

 Additional Information: [full citation](#), [abstract](#), [cited by](#)
**Bibliometrics:** Downloads (6 Weeks): 255, Downloads (12 Months): 1483, Citation Count: 3

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely powerful and flexible processor. The latest graphics architectures provide tremendous memory bandwidth and computational horsepower, with fully programmable vertex ...

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3 [High dynamic range imaging](#)



[Paul Debevec](#), [Erik Reinhard](#), [Greg Ward](#), [Sumanta Pattanaik](#)

August 2004 SIGGRAPH '04: SIGGRAPH 2004 Course Notes

**Publisher:** ACM

Full text available: Pdf (20.22 MB)

**Additional Information:** [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 126, Downloads (12 Months): 792, Citation Count: 0

Current display devices can display only a limited range of contrast and colors, which is one of the main reasons that most image acquisition, processing, and display techniques use no more than eight bits per color channel. This course outlines recent ...

4 [Communications of the ACM: Volume 51 Issue 10](#)



October 2008

Communications of the ACM

**Publisher:** ACM

Full text available: Digital Edition, Pdf (7.16 MB)

**Additional Information:** [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 11810, Downloads (12 Months): 11810, Citation Count: 0

5 [Communications of the ACM: Volume 51 Issue 6](#)



June 2008

Communications of the ACM

**Publisher:** ACM

Full text available: Digital Edition, Pdf (8.89 MB)

**Additional Information:** [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 641, Downloads (12 Months): 1765, Citation Count: 0

6 [Integrated document caching and prefetching in storage hierarchies based on Markov-chain predictions](#)

[Achim Kraiss](#), [Gerhard Weikum](#)

August 1998 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 7 Issue 3

**Publisher:** Springer-Verlag New York, Inc.

Full text available: Pdf (603.01 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 61, Citation Count: 11

Large multimedia document archives may hold a major fraction of their data in tertiary storage libraries for cost reasons. This paper develops an integrated approach to the vertical data migration between the tertiary, secondary, and primary storage ...

**Keywords:** Caching, Markov chains, Performance, Prefetching, Scheduling, Stochastic modeling, Tertiary storage

7 [Hyperform: a hypermedia system development environment](#)



[Uffe K. Will](#), [John J. Leggett](#)

January 1997 Transactions on Information Systems (TOIS) , Volume 15 Issue 1

**Publisher:** ACM

Full text available: [Pdf](#) (362.84 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 42, Citation Count: 13

Development of hypermedia systems is a complex matter. The current trend toward open, extensible, and distributed multiuser hypermedia systems adds additional complexity to the development process. As a means of reducing this complexity, there has been ...

Keyw ords: advanced hypermedia system architecture, extensible hyperbase management system, object-oriented extension language

8 [Magneto-optical data storage](#)



[Terry McDaniel](#)

November 2000 Communications of the ACM , Volume 43 Issue 11

**Publisher:** ACM

Full text available: [Html](#) (34.62 KB), [Pdf](#) (397.56 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 128, Citation Count: 0

9 [Phase change recording](#)



[Henk van Houten](#), [Wouter Leibbrandt](#)

November 2000 Communications of the ACM , Volume 43 Issue 11

**Publisher:** ACM

Full text available: [Html](#) (35.98 KB), [Pdf](#) (661.19 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 62, Citation Count: 0

10 [Understanding evolution in technology ecosystems](#)



[Gediminas Adomavicius](#), [Jesse Bockstedt](#), [Alok Gupta](#), [Robert J. Kauffman](#)

October 2008 Communications of the ACM , Volume 51 Issue 10

**Publisher:** ACM

Full text available: [Html](#) (35.99 KB), [Pdf](#) (500.82 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 139, Downloads (12 Months): 184, Citation Count: 0

11 [CD-ROMs and Linux](#)

[Jeff Tranter](#)

November 1994 Linux Journal , Volume 1994 Issue 7es

**Publisher:** Specialized Systems Consultants, Inc.

Full text available: [Html](#) (15.13 KB)

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 11, Citation Count: 0

12 [Ultra-high-density data storage: introduction](#)



[Lambertus Hesselink](#)

November 2000 Communications of the ACM , Volume 43 Issue 11

**Publisher:** ACM

Full text available: [Himl](#) (17.12 KB), [Pdf](#) (197.03 KB)

**Additional Information:** [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 92, Citation Count: 0

13 [Color science and color appearance models for CG, HDTV, and D-CINEMA](#)



[Charles Poynton](#), [Garrett Johnson](#)

August 2004 SIGGRAPH '04: SIGGRAPH 2004 Course Notes

**Publisher:** ACM

Full text available: [Pdf](#) (1.46 MB)

**Additional Information:** [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 189, Citation Count: 0

This course introduces the science behind image digitization, tone reproduction, and color reproduction in computer generated imagery (CGI), HDTV, and digital cinema (D-cinema). We detail how color is represented and processed as images are transferred ...

14 [Sketching with a low-latency electronic ink drawing tablet](#)



[Alex Henzen](#), [Neculai Ailenei](#), [Fabian Di Flore](#), [Frank Van Reeth](#), [John Patterson](#)

November 2005 GRAPHITE '05: Proceedings of the 3rd international conference on Computer graphics and interactive techniques in Australasia and South East Asia

**Publisher:** ACM

Full text available: [Pdf](#) (459.18 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 72, Citation Count: 0

Drawing on paper is an experience which is still unmatched by any input device for drawing into a computer in terms of accuracy, dexterity and general pleasantness of use. This paper describes a paper-like drawing tablet which uses electronic ink as ...

**Keyw ords:** electronic ink, input devices, interaction techniques, line and curve generation

15 [Introduction](#)



**[Some Course 5 presentations are available on the introduction citation page](#)**

[Paul Debevec](#), [Erik Reinhard](#), [Greg Ward](#), [Karol Myszkowski](#), [Heide Seetzen](#), [Habib Zargarpour](#), [Gary McTaggart](#), [Drew Hess](#)

July 2006 SIGGRAPH '06: SIGGRAPH 2006 Courses

**Publisher:** ACM

Full text available: [Pdf](#) (11.64 MB)

**Additional Information:** [full citation](#), [appendices and supplements](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 278, Citation Count: 0

16 [Shaping experiences in the hunt museum: a design case study](#)



Kieran Ferris, Liam Bannon, Luigina Ciolfi, Paul Gallagher, Tony Hall, Marilyn Lennon

August 2004 DIS '04: Proceedings of the 5th conference on Designing interactive systems: processes, practices, methods, and techniques

**Publisher:** ACM

Full text available: Pdf (1.91 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 19, Downloads (12 Months): 151, Citation Count: 4

Re-Tracing the Past: exploring objects, stories, mysteries, was an exhibition held at the Hunt Museum, in Limerick, Ireland from 9th--19th June 2003. We attempted to create an exhibition that would be an engaging experience for visitors, that would open ...

Keyw ords: assembly, collaborative design, exhibition design, experience design, materiality, museums, space and place, ubiquitous technologies

17 [Zodiac: efficient impact analysis for storage area networks](#)

Aameek Singh, Madhukar Korupolu, Kaladhar Voruganti

December 2005 FAST '05: Proceedings of the 4th conference on USENIX Conference on File and Storage Technologies - Volume 4 , Volume 4

**Publisher:** USENIX Association

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Currently, the fields of impact analysis and policy based management are two important storage management topics that are not being treated in an integrated manner. Policy-based storage management is being adopted by most storage vendors because it lets ...

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